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2	WHAT IS CLAIMED IS:		
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4	1. A game controller for communication between a user and an electronic		
5	game device transmitting signals to a receiver, comprising:		
6	a portable housing;		
7	game controller keys attached to said housing for permitting the user to		
8	generate signals;		
9	a radio frequency sender engaged with said game controller keys for		
10	transmitting the signals to the receiver; and		
11	a controller attached to said sender for determining a selected parameter		
12	regarding the signals and for communicating said parameter to the user.		
13	• ,		
14	2. A game controller as recited in Claim 1, wherein said radio frequency		
15	sender is capable of transmitting signals over multiple frequencies.		
16			
17	3. A game controller as recited in Claim 2, wherein at least one of said		
18	keys is operable by the user to change the signal frequency transmitted by said		
19	radio frequency sender.		
20			
21	4. A game controller as recited in Claim 2, wherein said controller is		
22	capable of changing the signal frequency transmitted by said radio frequency		
23	sender.		

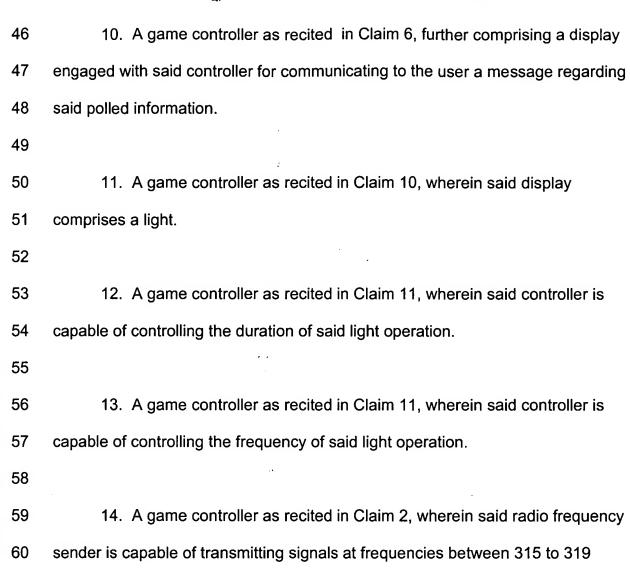
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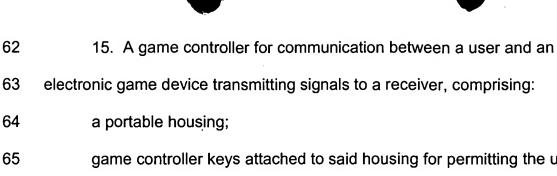
5. A game controller as recited in Claim 4, wherein said controller is
capable of identifying the strength of a signal transmitted by said radio frequency
sender and is capable of changing the signal frequency to a stronger frequency.

- 6. A game controller as recited in Claim 2, wherein said controller is capable of polling information regarding the selected parameter over a discrete time period, and is further capable of determining whether said polled information exceeds a selected threshold.
- 7. A game controller as recited in Claim 6, wherein said controller is capable of changing the signal frequency if said polled information is less than a selected threshold.
- 8. A game controller as recited in Claim 7, wherein said controller is capable of changing the signal frequency if said polled information is less than a selected threshold over two consecutive discrete time periods.
- 9. A game controller as recited in Claim 7, wherein said controller is capable of polling information at the changed frequency to determine whether said polled information exceeds a selected threshold.

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MHz.





game controller keys attached to said housing for permitting the user to generate signals;

a radio frequency sender engaged with said game controller keys for transmitting the signals to the receiver over a plurality of frequencies; and a controller attached to said sender for determining the strength of the transmitted signals and for communicating to the user information regarding said signal strength.

16. A game controller as recited in Claim 15, wherein said controller is capable of identifying whether said signal strength is less than a selected amount, and is further capable of changing said radio frequency sender to another frequency having a signal strength exceeding the selected amount.

17. A game controller as recited in Claim 15, wherein said controller is capable of polling information regarding the signal strength over a discrete time period, and is further capable of displaying said information.

18. A game controller as recited in Claim 15, further comprising a display engaged with said controller for communicating to the user a message regarding said information.



86	19. A game controller as recited in Claim 18, wherein said display
87	comprises a light and said controller is capable of controlling the duration of said
88	light operation.
89	
90	20. A game controller as recited in Claim 18, wherein said display
91	comprises a light and said controller is capable of controlling the frequency of
92	said light operation.